

전교통 동맥에서 발생한 독립적인 2개의 동맥류

안 정 용 · 주 진 양

= Abstract =

Two Separate Aneurysms on Anterior Communicating Artery - A Case Report -

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More than one cerebral aneurysm on the same artery is uncommon. Furthermore multiple aneurysms on the anterior communicating artery(ACoA) is very rare. We surgically experienced one case of two separate aneurysms on the ACoA ; one developed at the junction of the ACoA with the right second branch of anterior cerebral artery, and the other on inferior wall of the ACoA itself. The former, confirmed as ruptured on operation, projected superiorly and the latter directed inferiorly toward the prechiasmatic cistern. Radiographic and operative findings are presented with review of literature.

KEY WORDS : Multiple aneurysms · Separate aneurysms · Anterior communicating artery.

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가²⁾³⁾.

가 her grade IV, Fig. 1A).

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가 (Fig. 2).

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증 례

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: , , 62 . (Fig. 3).

, 8 × 8mm
(budding)
3 × 3mm (gyrus rectus)
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가 4 × 4mm 가
A₂ (Fig. 4A).

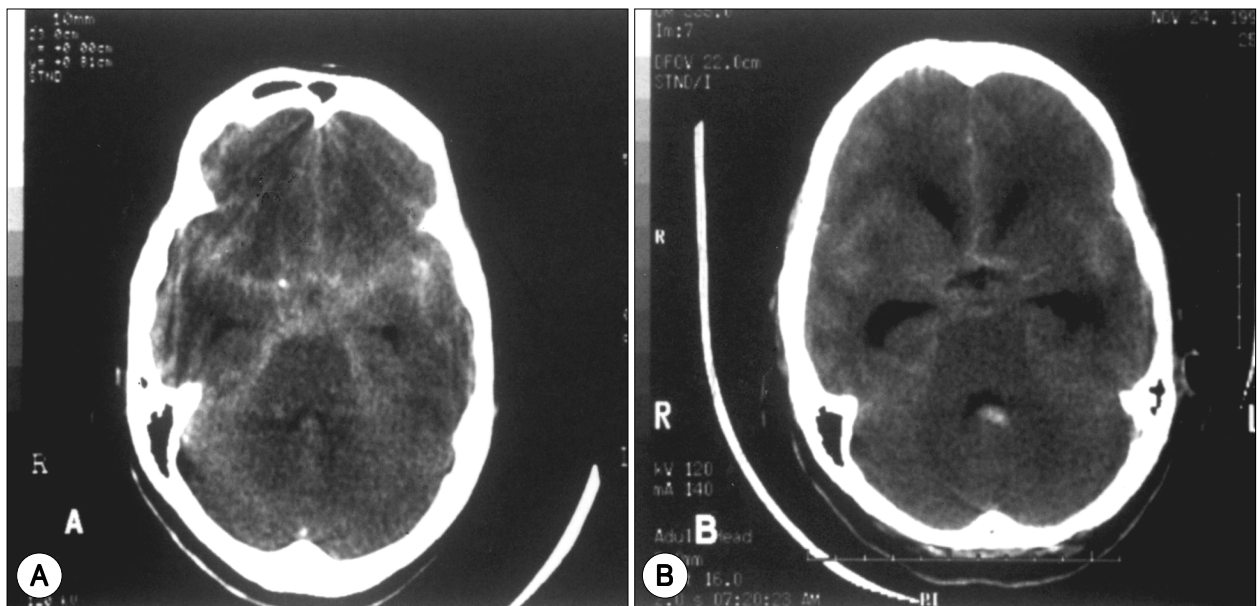


Fig. 1. Preoperative computed tomography demonstrating subarachnoid hemorrhage(A) and intraventricular hemorrhage on the fourth ventricle(B).

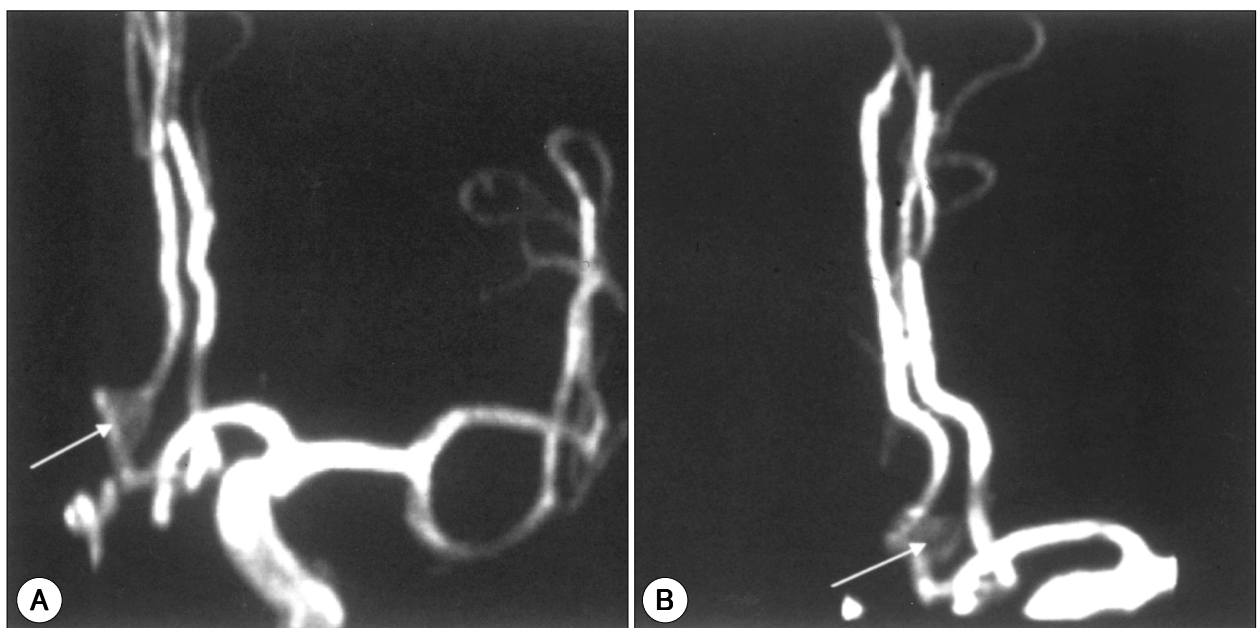


Fig. 2. Magnetic resonance angiography showing an aneurysm(arrow) originated from the junction of anterior communicating artery and the right A₂.

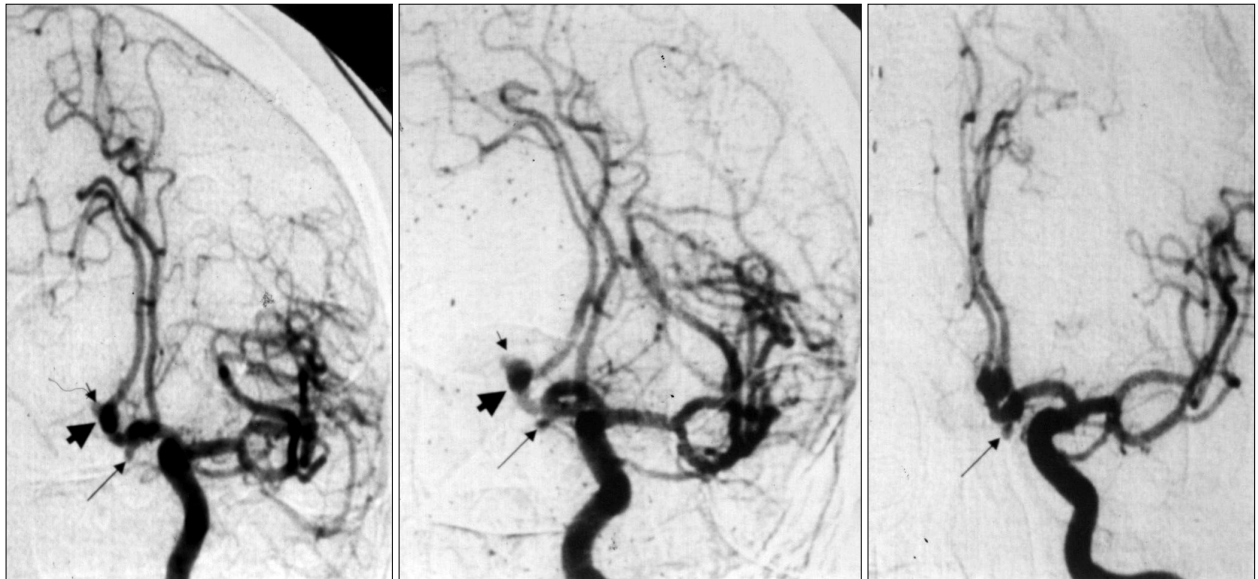


Fig. 3. Digital subtraction angiography demonstrating two independent aneurysms on anterior communicating artery. One aneurysm (arrowhead) is located at the junction of anterior communicating artery and the right A₂. Note the daughter sac (short arrow) on the dome of the aneurysm. The other aneurysm (long arrow) is stemming from anterior communicating artery itself. Note the downward projection of the aneurysm.

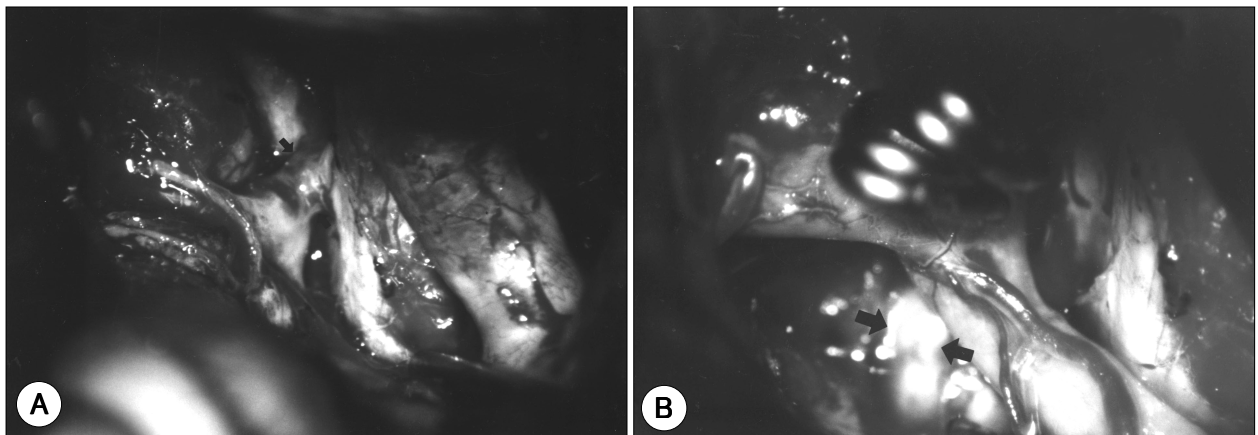


Fig. 4. Intraoperative photographs showing one aneurysm (A : small arrow) projecting downward to the prechiasmatic cistern from anterior communicating artery itself. After clipping of one aneurysm, the neck of the other one (B : large arrow) was exposed and was clipped. The aneurysm originated from the junction of the anterior communicating artery and A₂.

5mm straight Yasargil clip , 7
A₂ 8 × 8mm
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(Fig. 4B). 20
9mm straight Yasargil clip
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